

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118066.D
 Acq On : 3 Dec 2019 17:05
 Operator : JU
 Sample : K6069-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Dec 04 00:42:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

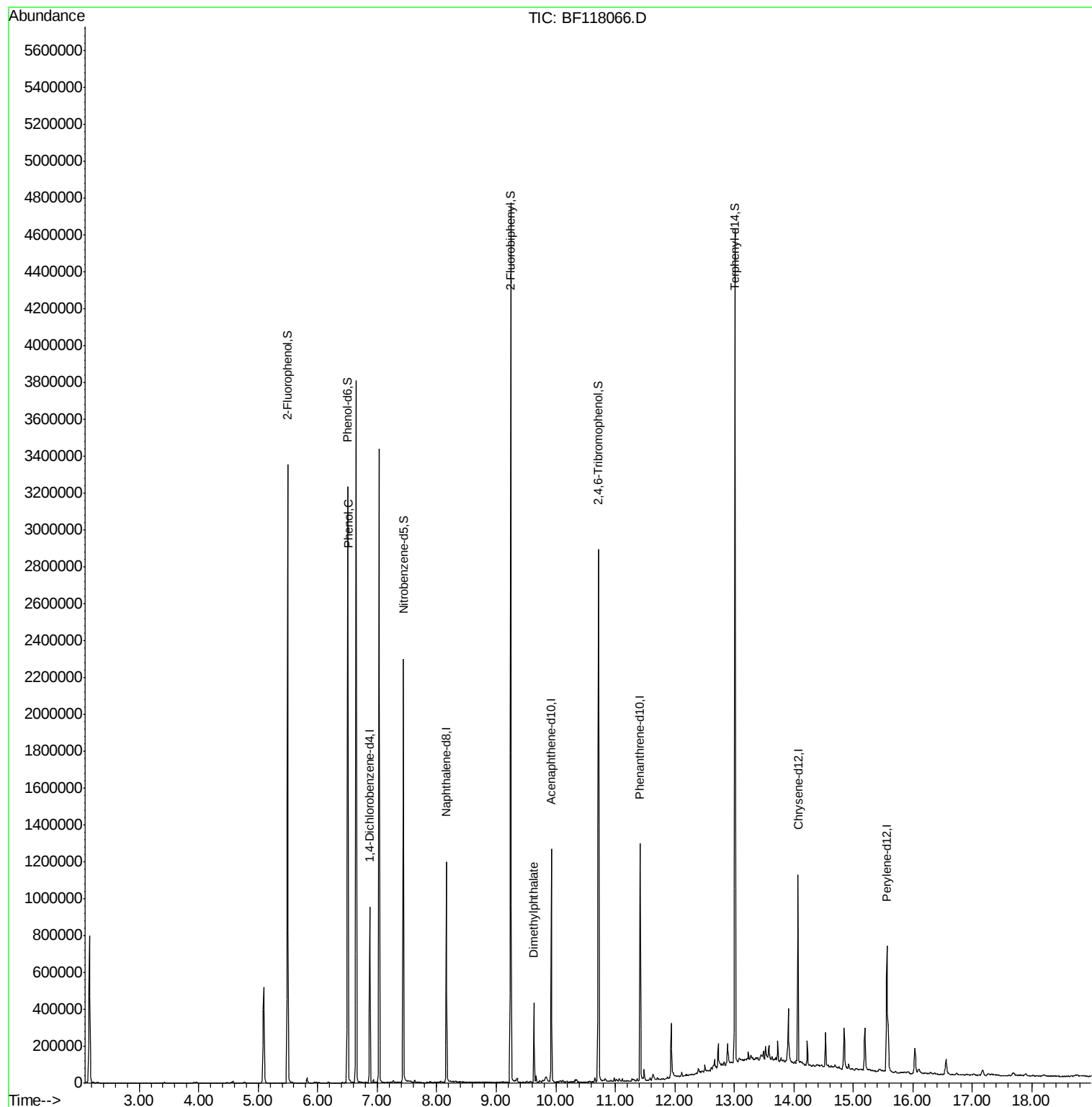
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	135709	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	518289	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	266915	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	487445	20.00	ng	0.00
76) Chrysene-d12	14.07	240	297878	20.00	ng	0.00
87) Perylene-d12	15.56	264	294875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	967734	126.23	ng	0.01
7) Phenol-d6	6.50	99	1229646	132.97	ng	0.00
23) Nitrobenzene-d5	7.44	82	747651	85.75	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	373061	132.02	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1479304	99.43	ng	0.00
79) Terphenyl-d14	13.01	244	1607257	98.61	ng	0.00
Target Compounds						
10) Phenol	6.52	94	27217	2.832	ng	96
50) Dimethylphthalate	9.63	163	155619	8.314	ng	100

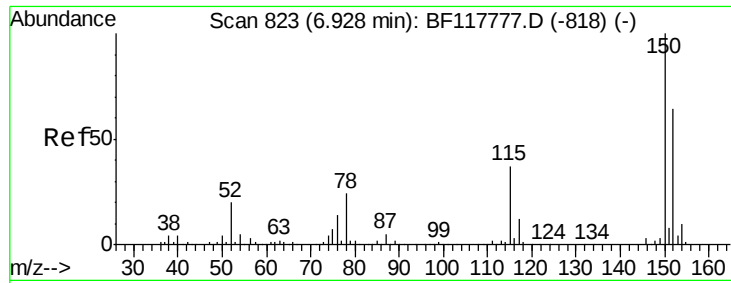
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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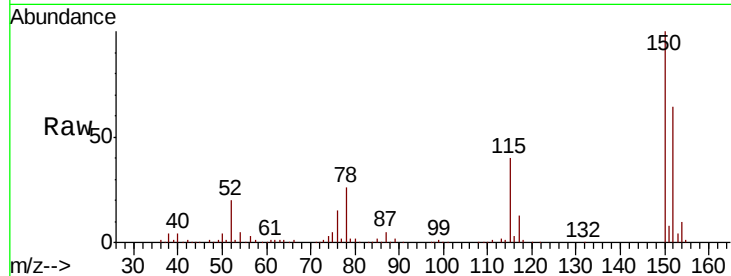


#1

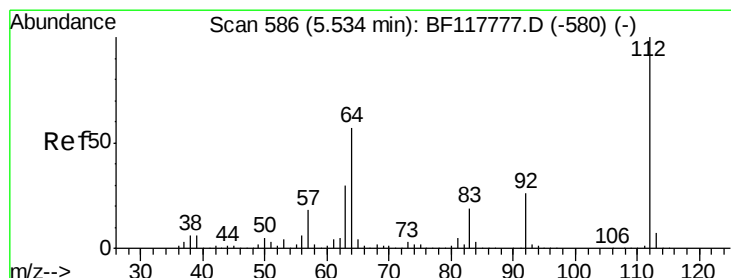
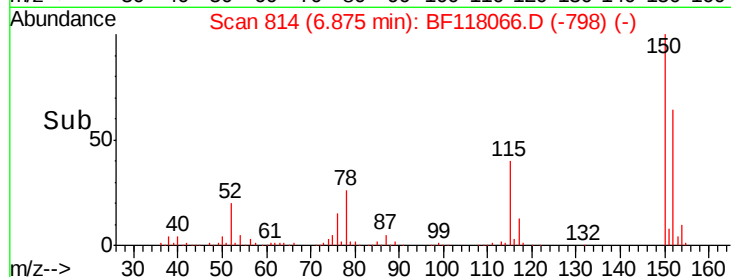
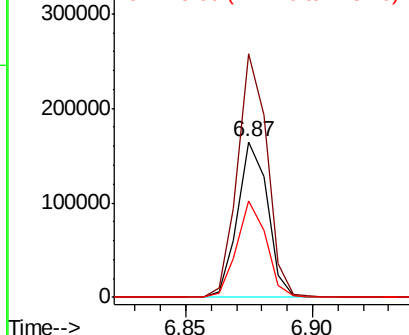
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

Instrument :
BNA_F
ClientSampleId :
SB-3

Tot Ion:152 Resp: 135709
Ion Ratio Lower Upper
152 100
150 156.8 121.4 182.2
115 62.3 48.8 73.2



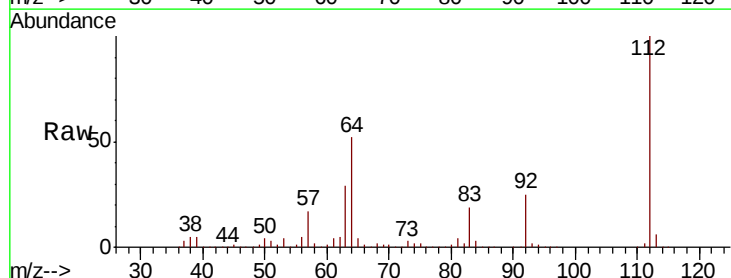
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



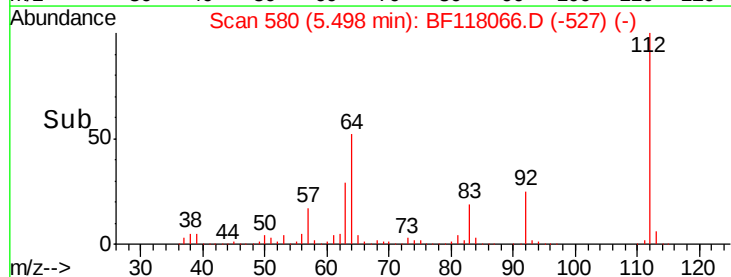
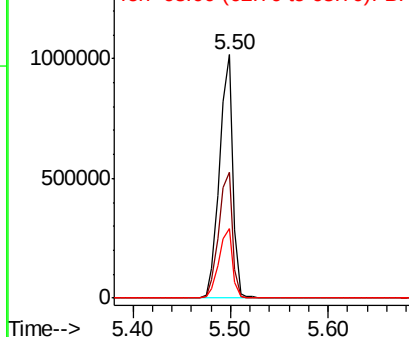
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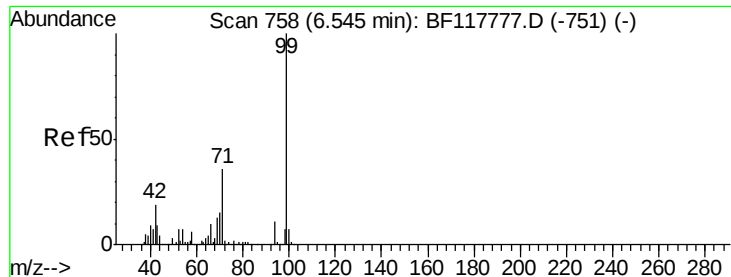
2-Fluorophenol
Concen: 126.225 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

Tgt Ion:112 Resp: 967734
Ion Ratio Lower Upper
112 100
64 51.9 45.1 67.7
63 28.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 132.974 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118066.D

Acq: 3 Dec 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SB-3

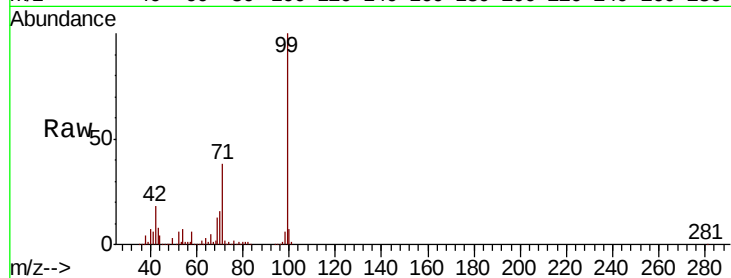
Tot Ion: 99 Resp: 1229646

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.0	21.0
71	37.6	29.2	43.8

99 100

42 17.9 14.0 21.0

71 37.6 29.2 43.8

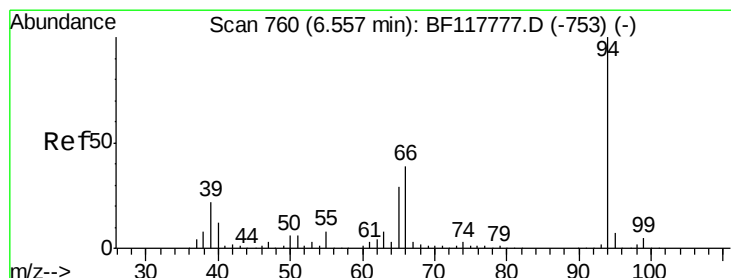
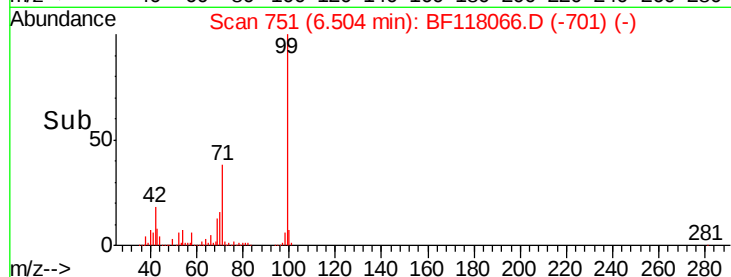
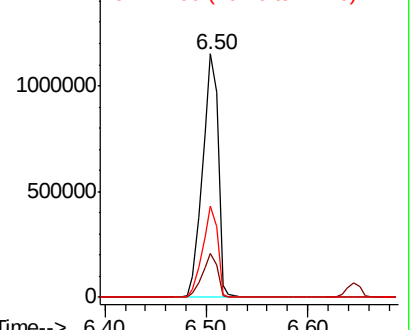


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.832 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118066.D

Acq: 3 Dec 2019 17:05

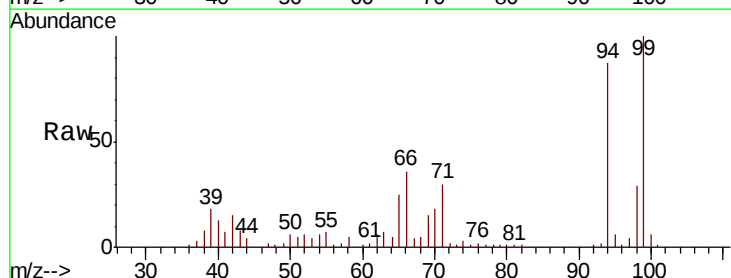
Tgt Ion: 94 Resp: 27217

Ion	Ratio	Lower	Upper
94	100		
65	28.4	6.9	46.9
66	41.4	18.6	58.6

94 100

65 28.4 6.9 46.9

66 41.4 18.6 58.6

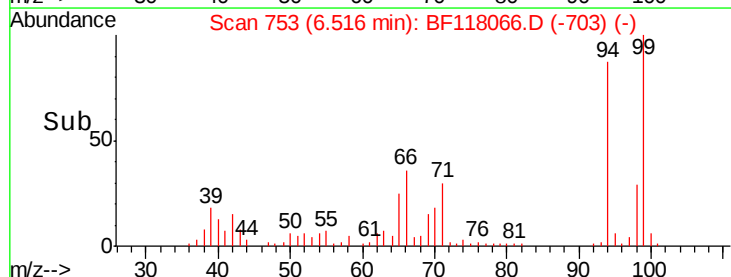
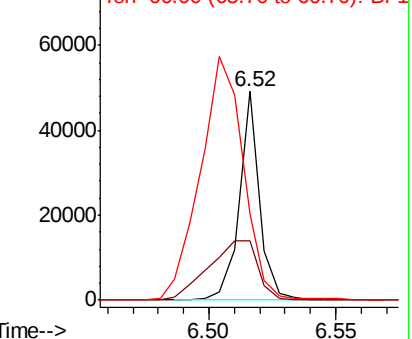


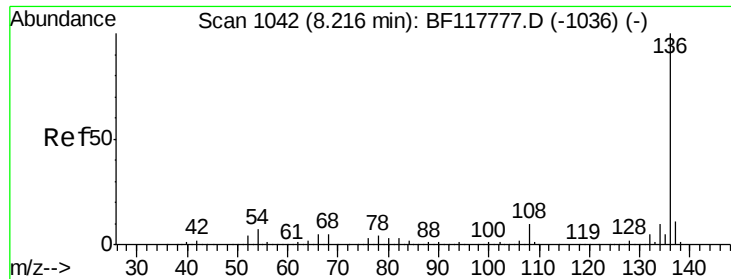
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

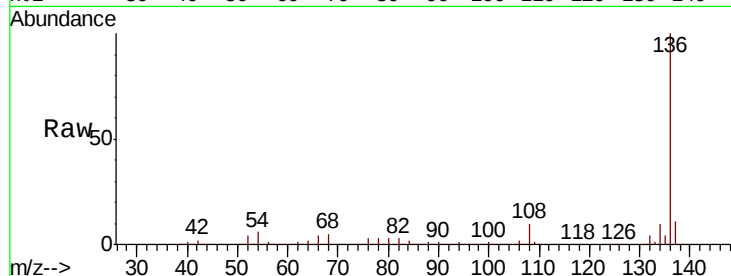




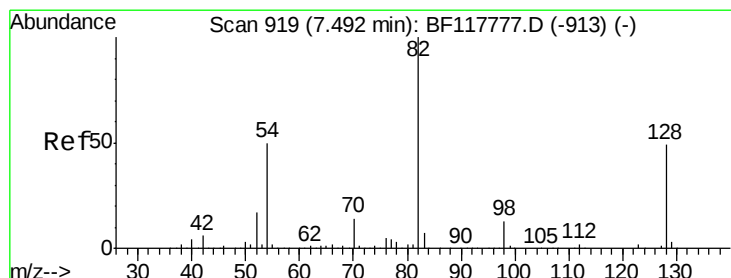
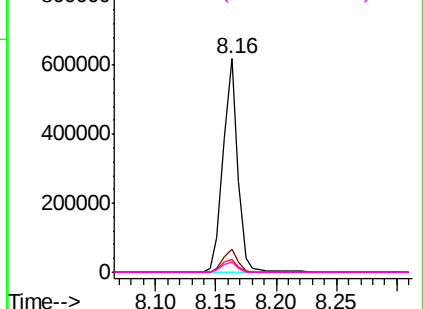
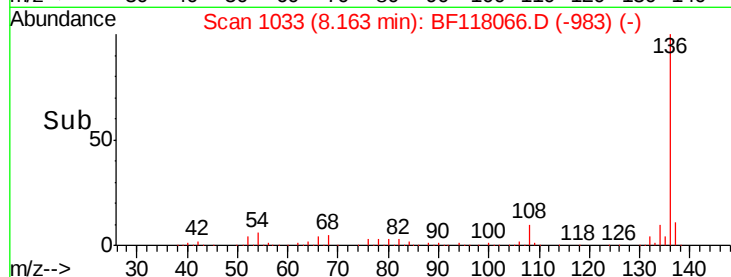
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

Instrument :
BNA_F
ClientSampleId :
SB-3

Tot Ion:136	Resp:	518289
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	6.0	4.9 7.3
68	4.8	3.6 5.4

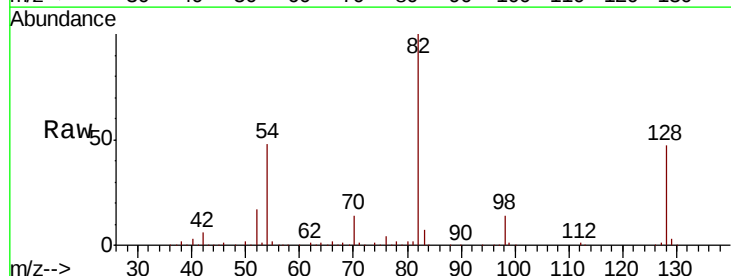


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

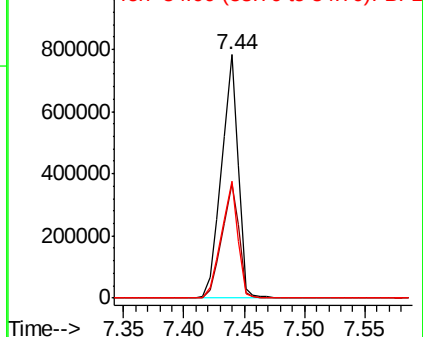
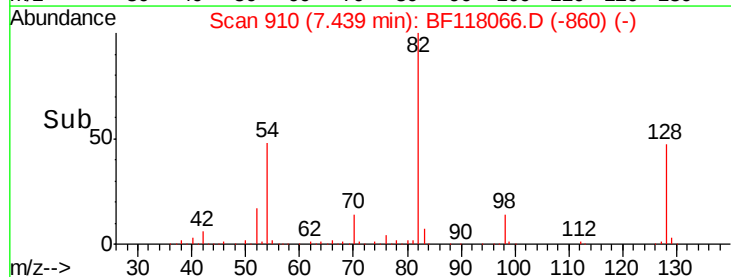


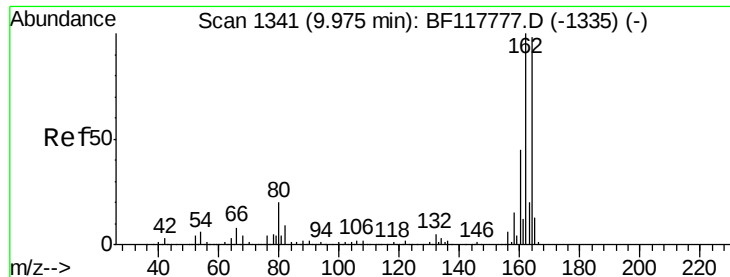
#23
Nitrobenzene-d5
Concen: 85.753 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

Tgt Ion: 82	Resp:	747651
Ion	Ratio	Lower Upper
82	100	
128	46.9	38.2 57.4
54	48.1	39.0 58.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

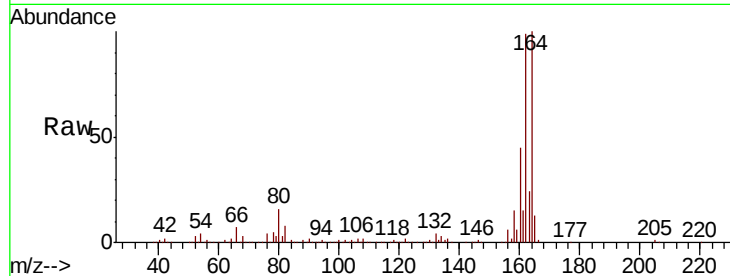




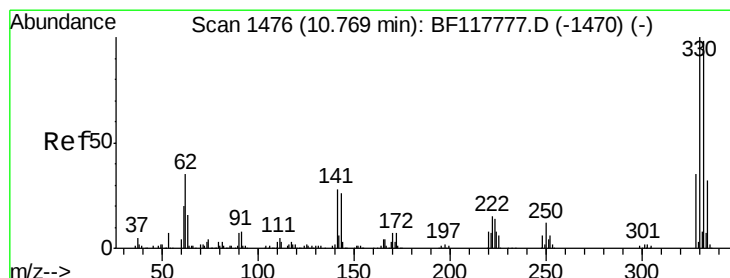
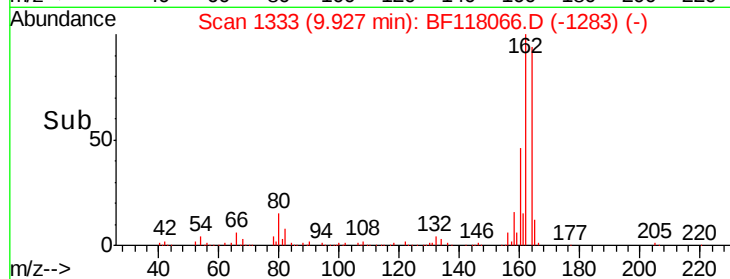
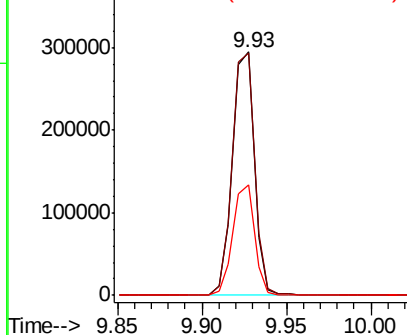
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

Instrument :
BNA_F
ClientSampleId :
SB-3

Tot Ion:164 Resp: 266915
Ion Ratio Lower Upper
164 100
162 99.3 81.8 122.8
160 45.2 35.9 53.9

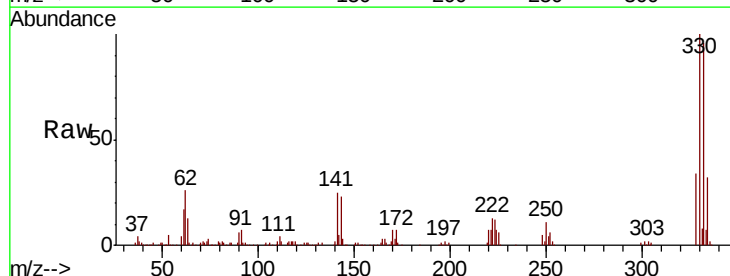


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

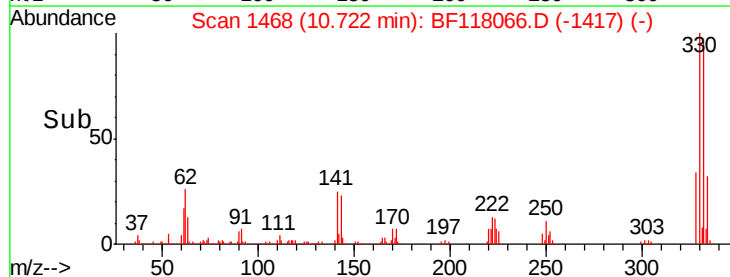
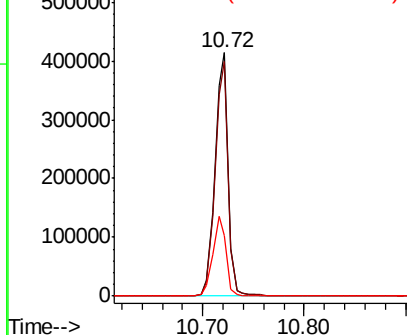


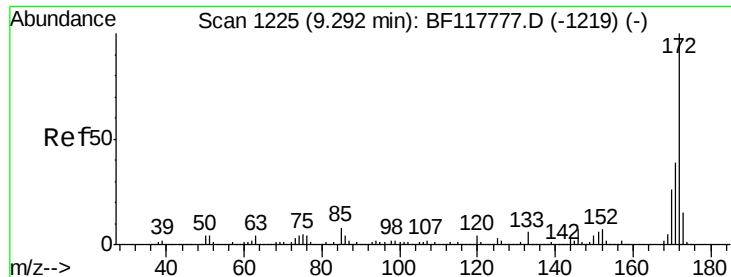
#42
2,4,6-Tribromophenol
Concen: 132.020 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

Tgt Ion:330 Resp: 373061
Ion Ratio Lower Upper
330 100
332 96.3 78.3 117.5
141 32.9 26.4 39.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

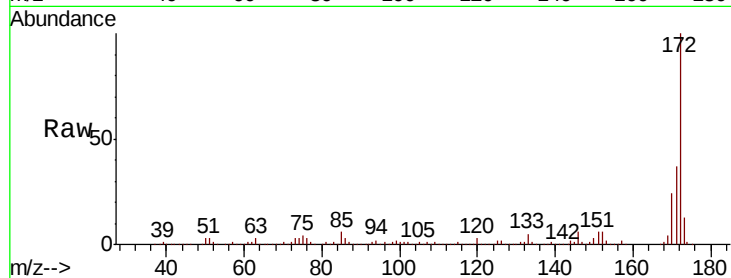




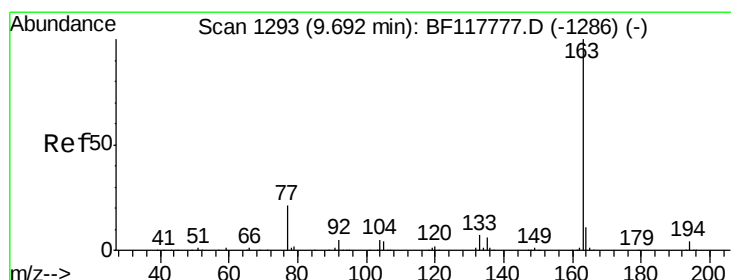
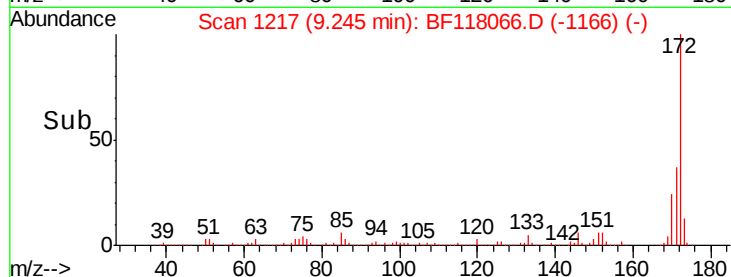
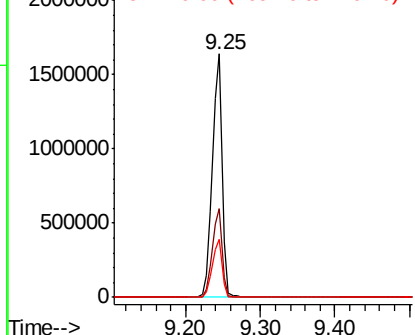
#45
2-Fluorobiphenyl
Concen: 99.430 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

Instrument :
BNA_F
ClientSampleId :
SB-3

Tot Ion:172 Resp: 1479304
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.0 19.3 28.9

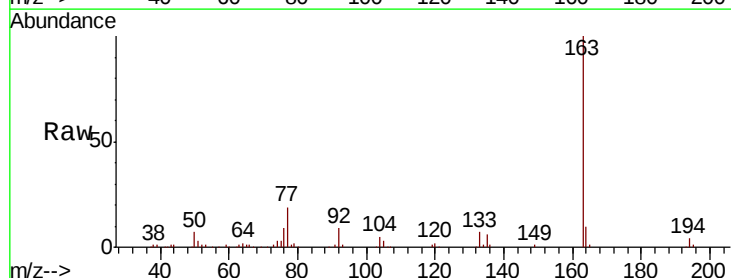


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

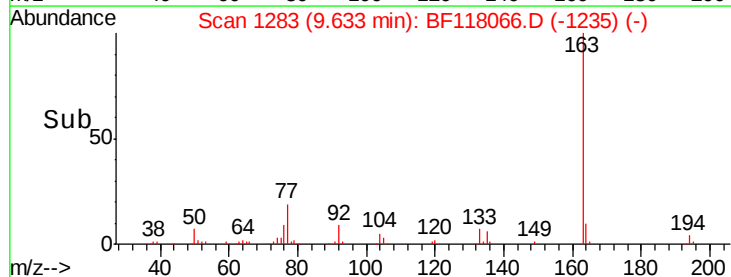
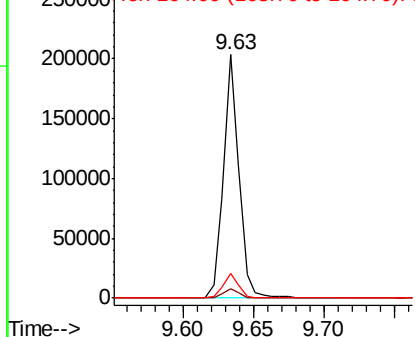


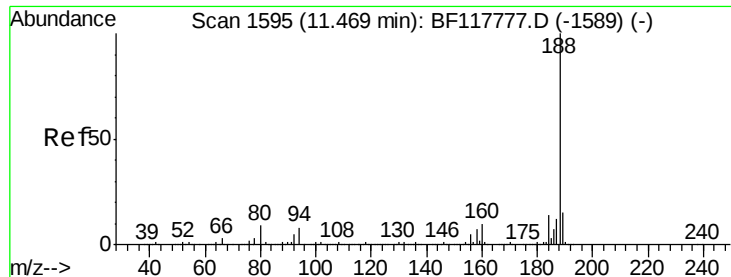
#50
Dimethylphthalate
Concen: 8.314 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

Tgt Ion:163 Resp: 155619
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

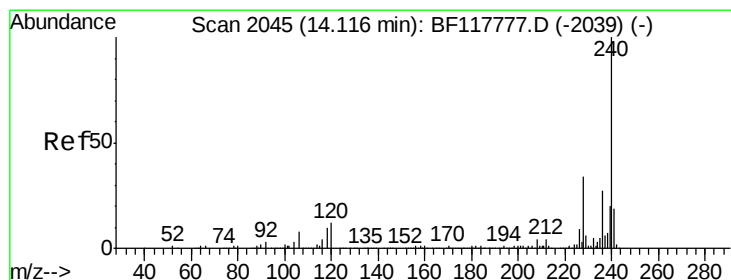
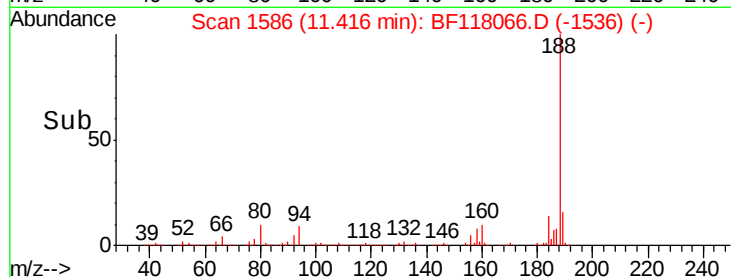
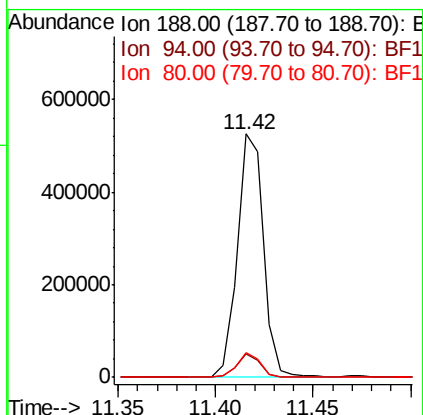
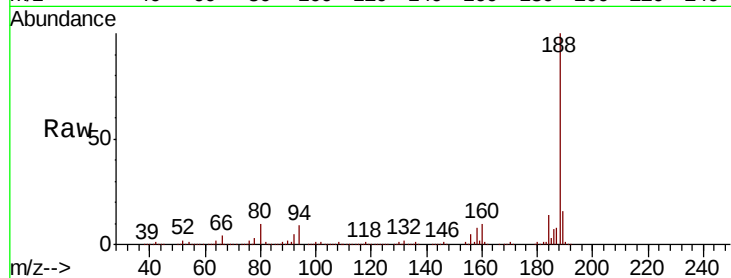




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

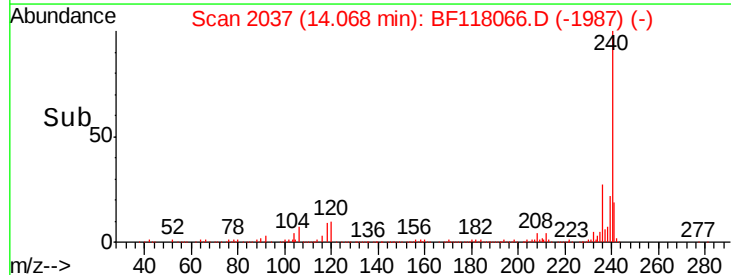
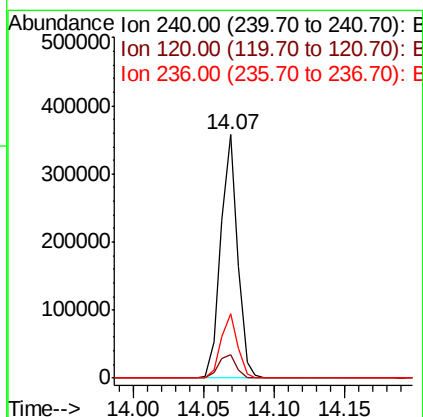
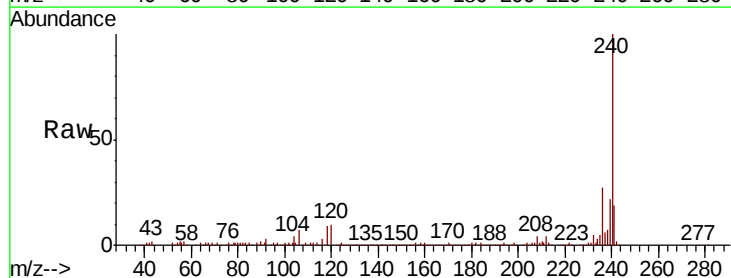
Instrument :
BNA_F
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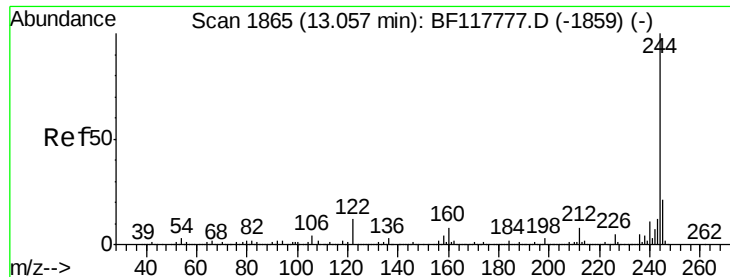
Tot Ion:188 Resp: 487445
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118066.D
Acq: 3 Dec 2019 17:05

Tgt Ion:240 Resp: 297878
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.5 20.6 31.0





#79

Terphenyl-d14

Concen: 98.612 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118066.D

Acq: 3 Dec 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SB-3

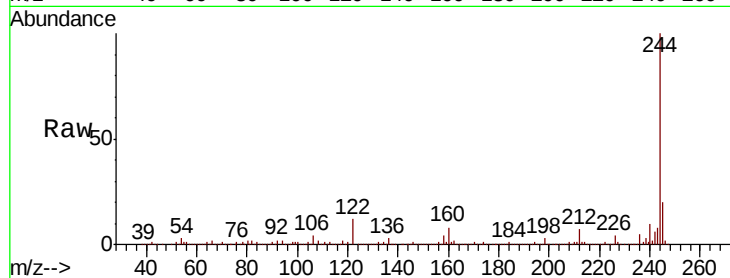
Tot Ion:244 Resp: 1607257

Ion Ratio Lower Upper

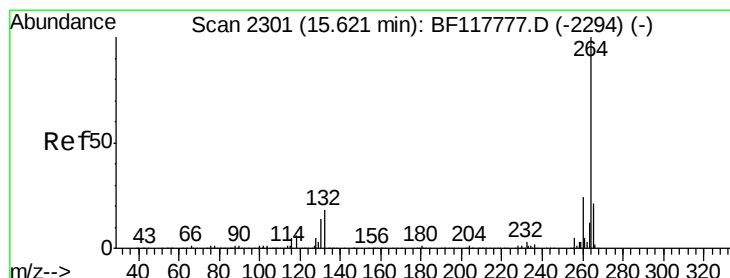
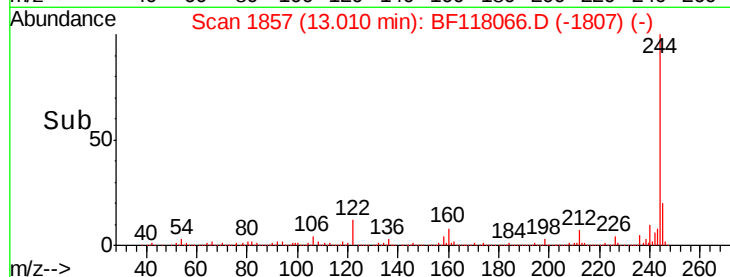
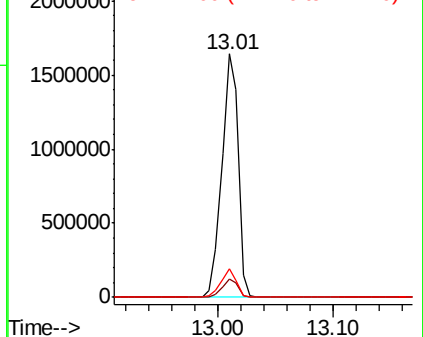
244 100

212 7.4 5.2 7.8

122 11.7 7.2 10.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF118066.D

Acq: 3 Dec 2019 17:05

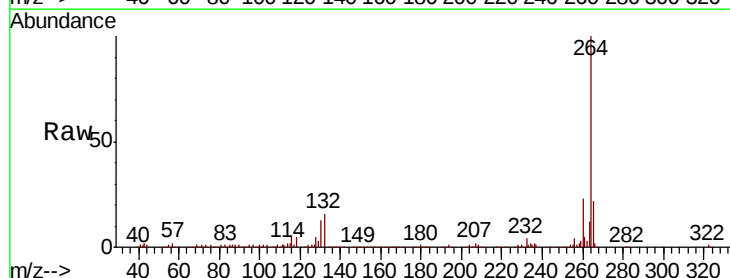
Tgt Ion:264 Resp: 294875

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 22.0 16.4 24.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

